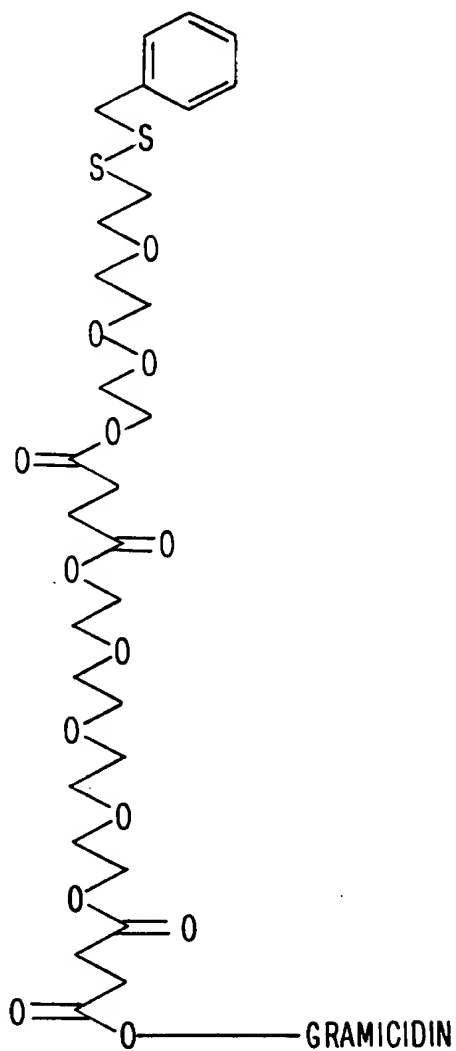


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

2/15

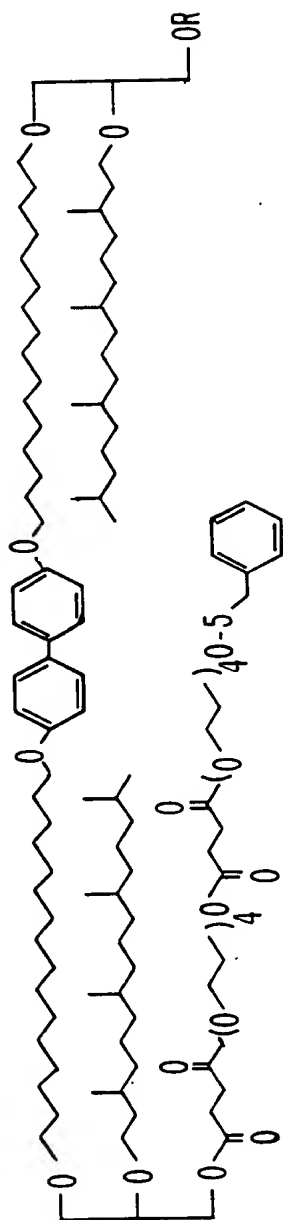


LINKER GRAMICIDIN B

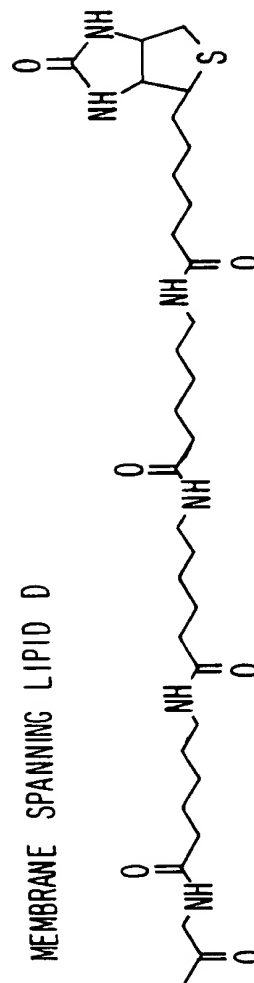
FIG. 2

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

3/15



MEMBRANE SPANNING LIPID D



MEMBRANE SPANNING LIPID C

FIG. 3

5/15

FIG. 7B

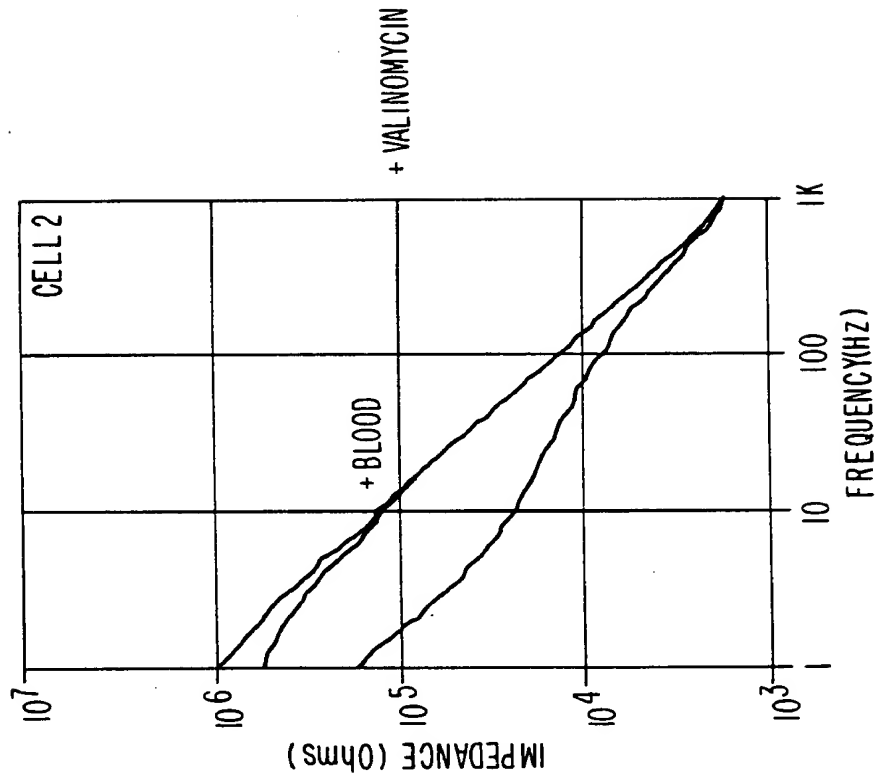
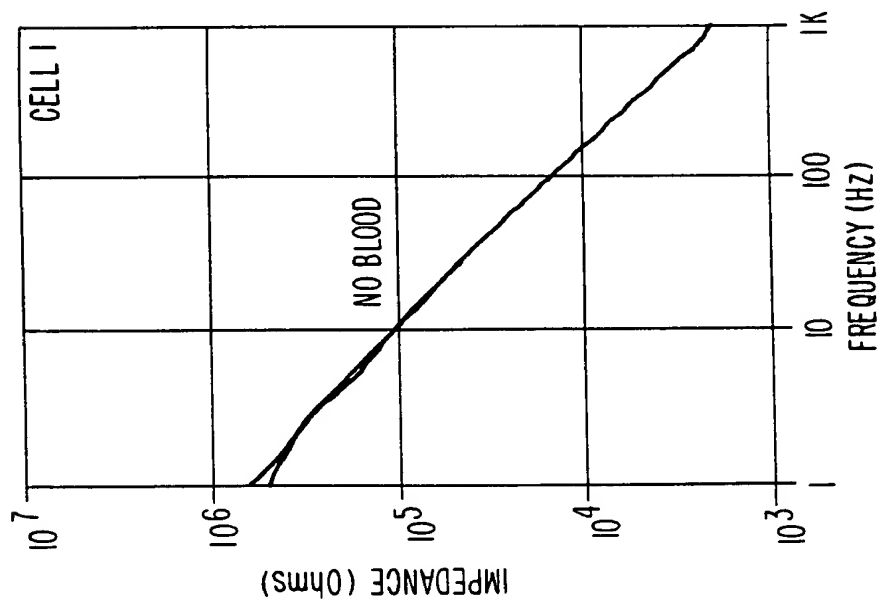


FIG. 7A



6/15
NO VALINOMYCIN

FIG. 7D

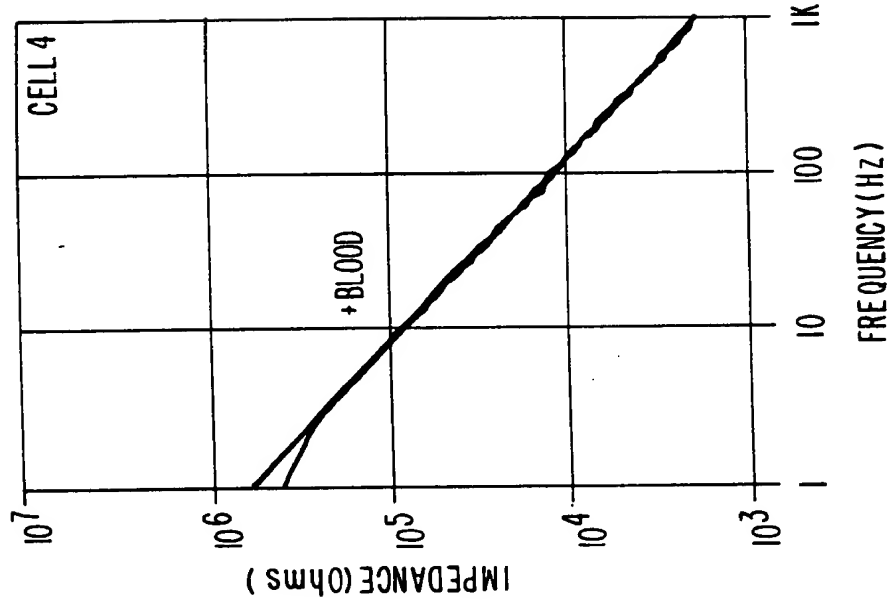
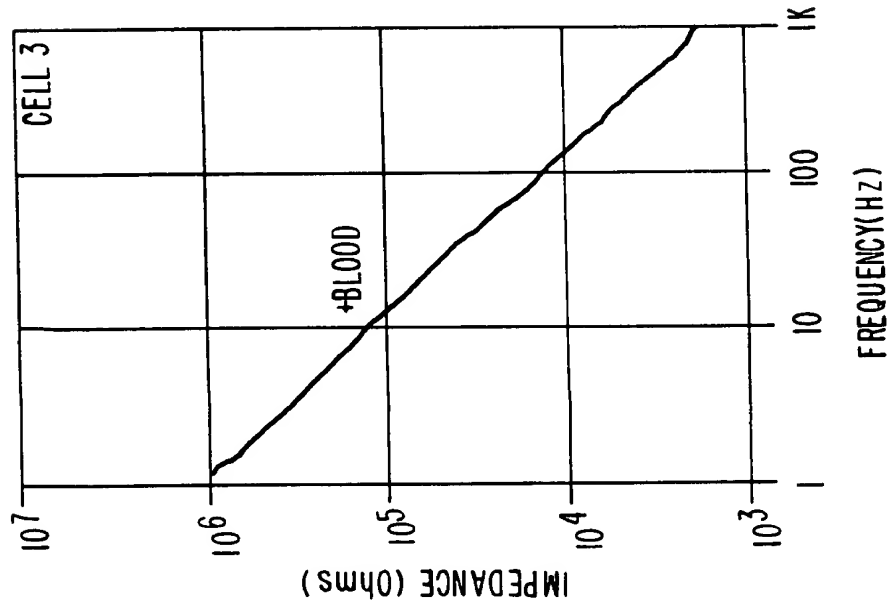


FIG. 7C

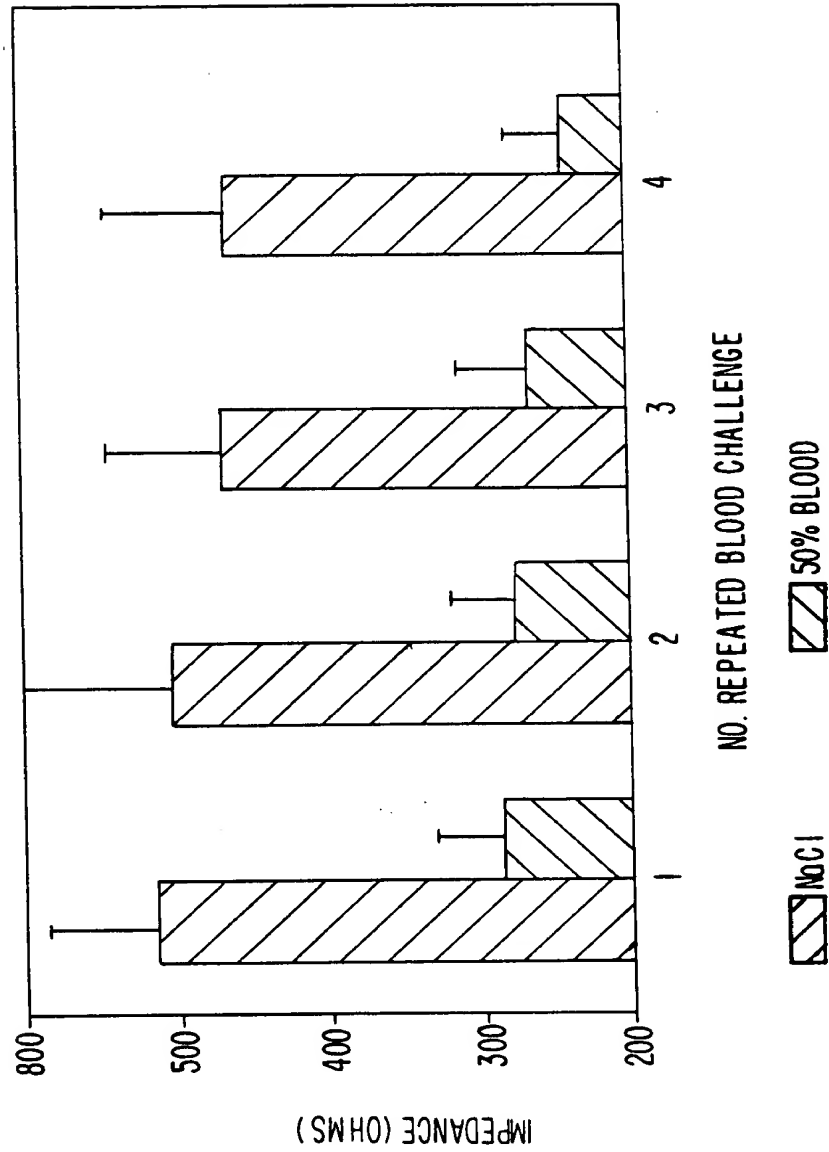


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

7/15

FIG. 8

REPEATED CHALLENGE WITH BLOOD:
ALL MONOLAYERS, PBS WASH, + mM VAL

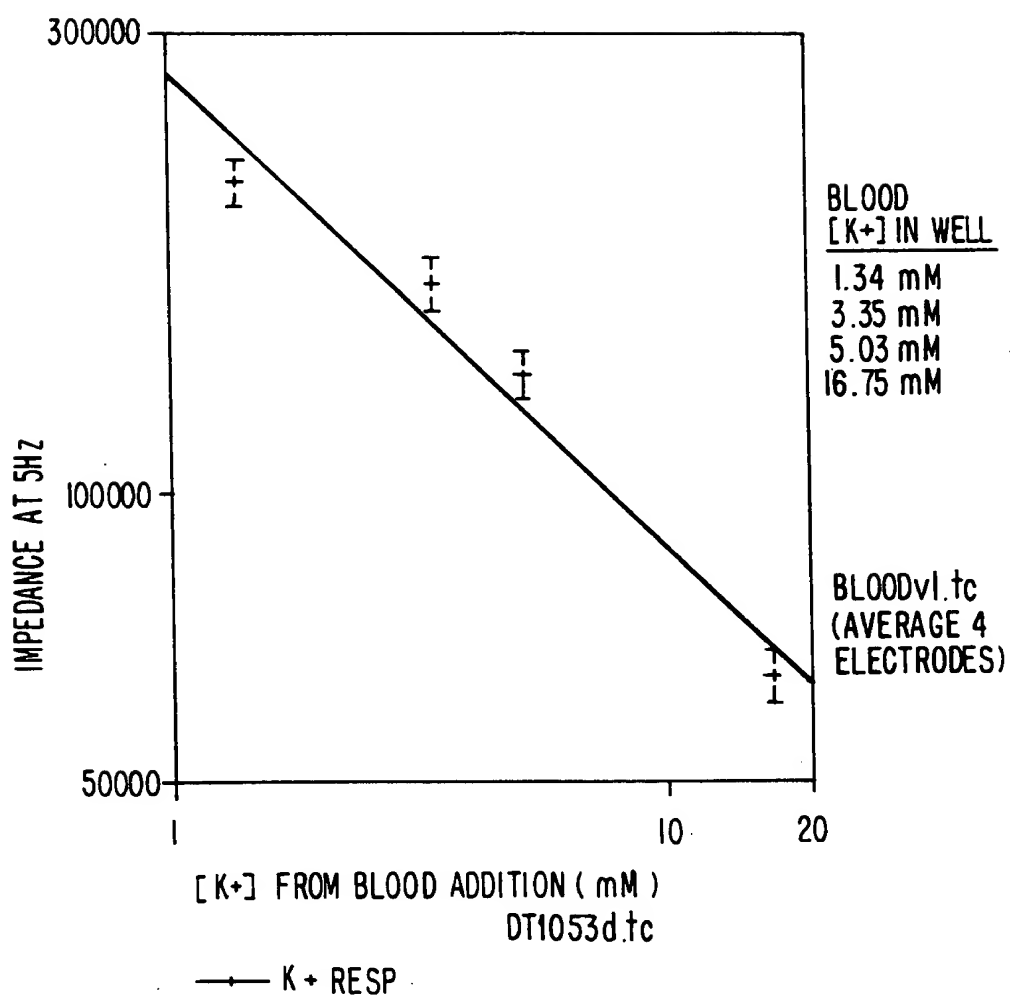


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

8/15

FIG. 9

BLOOD-VOLUME TITRATION



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

9/15

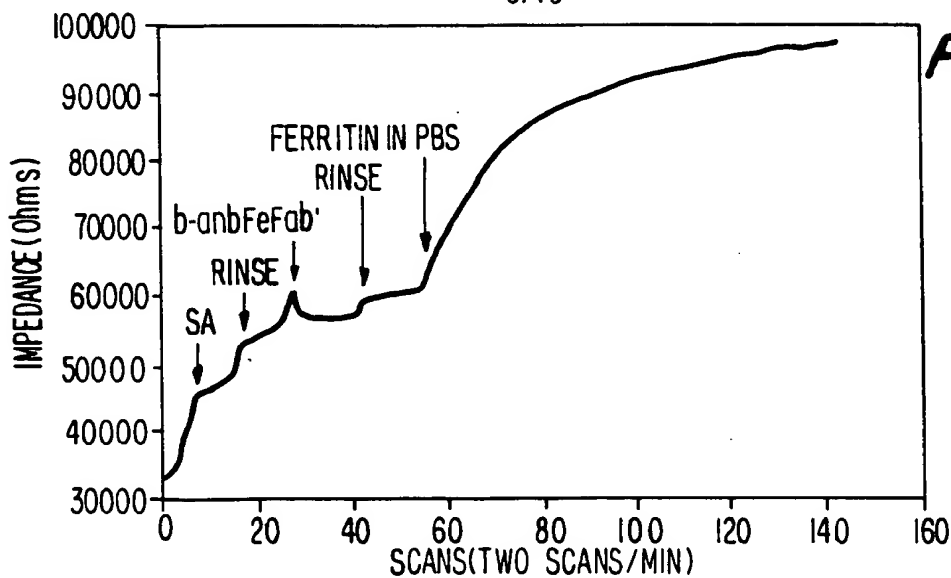


FIG. 10A

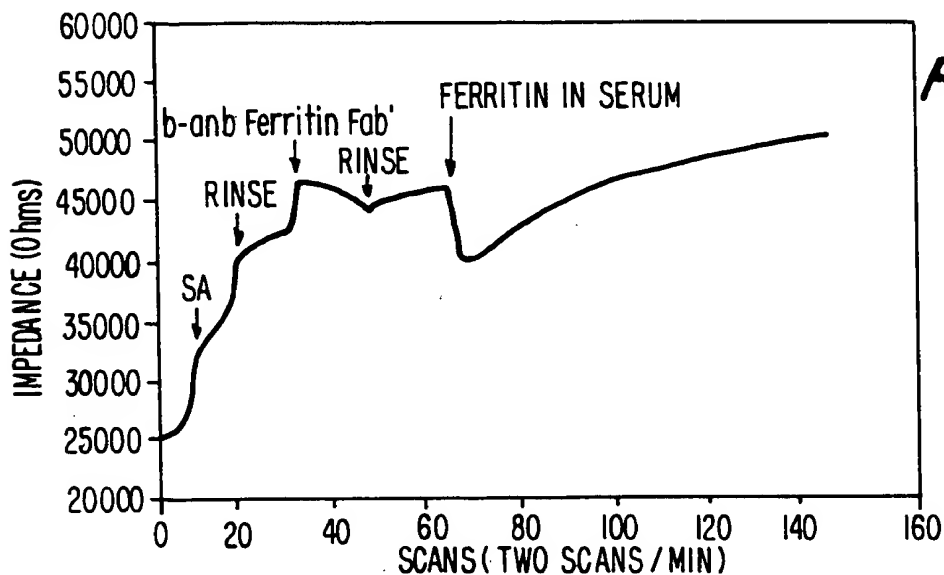


FIG. 10B

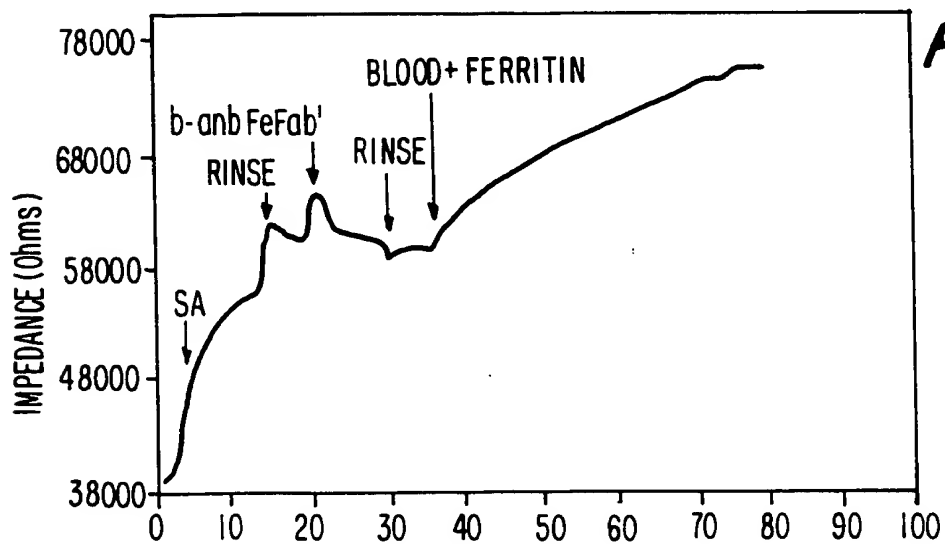


FIG. 10C

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

10 / 15

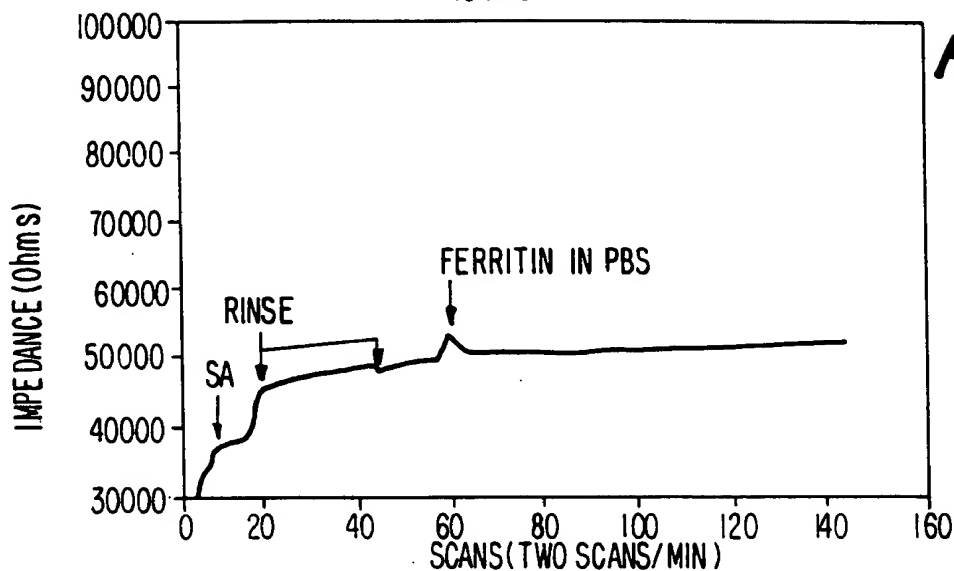


FIG. 10D

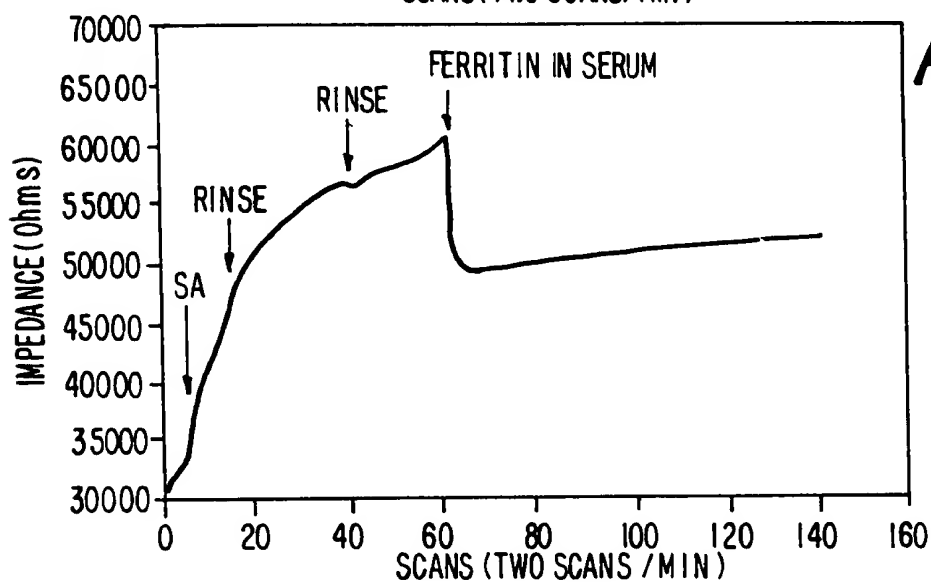


FIG. 10E

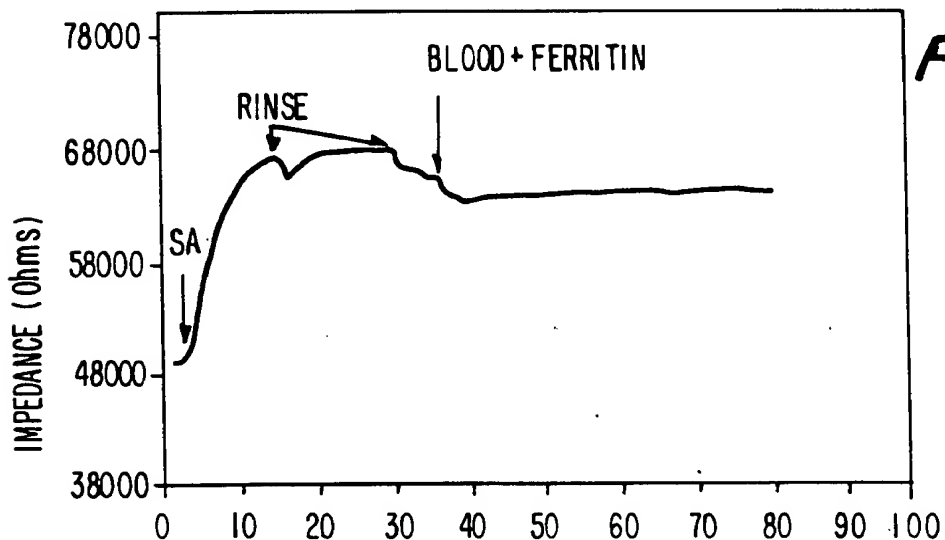


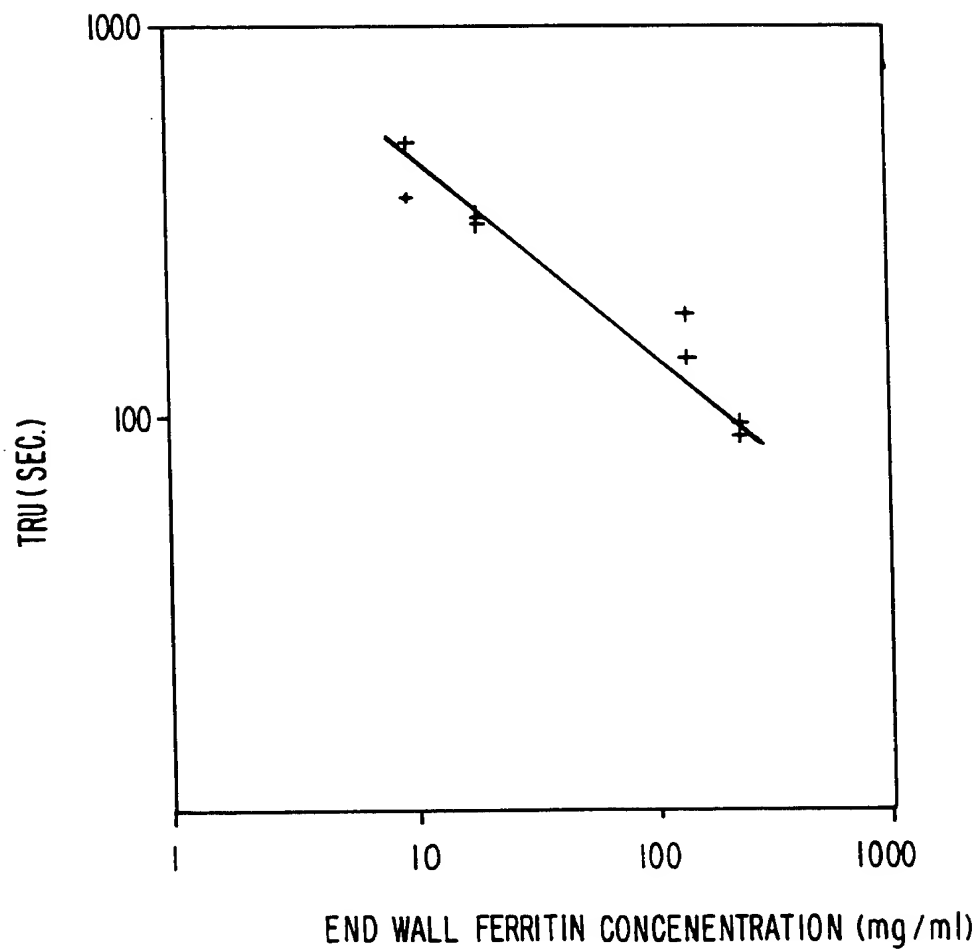
FIG. 10F

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

11/15

FIG. 11

ENDOGENOUS SERUM FERRITIN DETECTION
FROM 4 DIFFERENT VOLUNTEERS

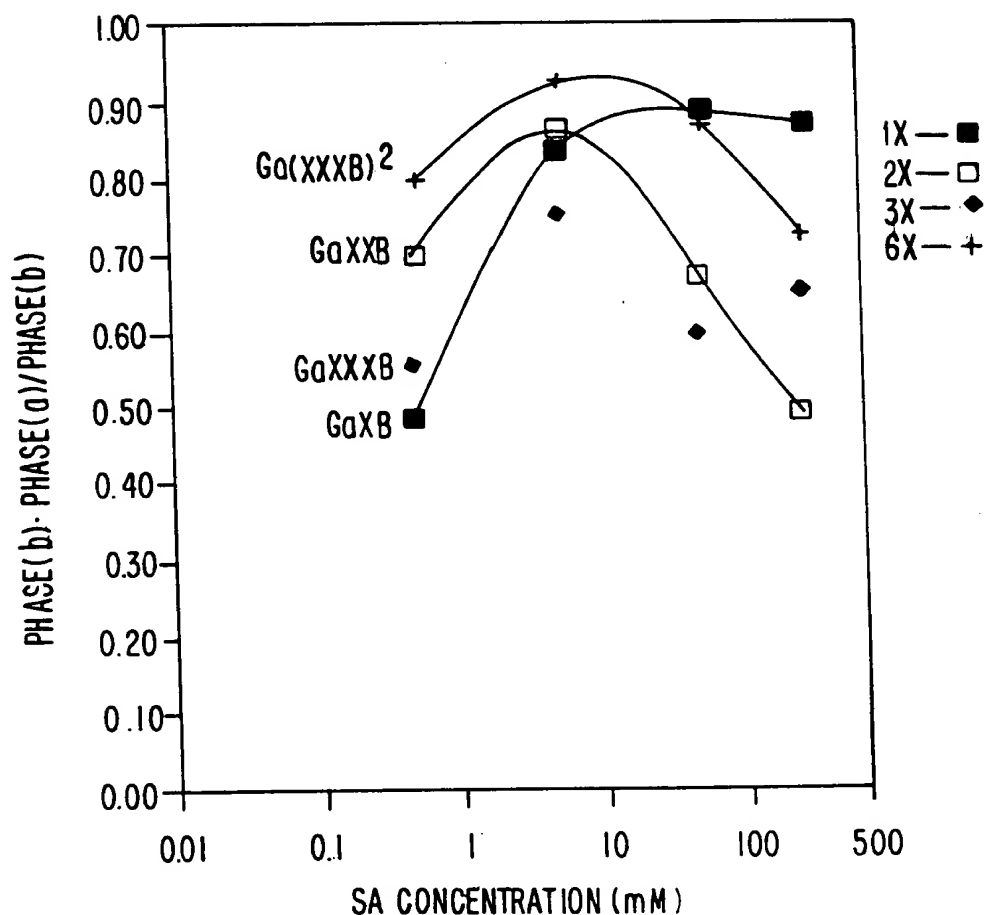


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

12 / 15

FIG. 12

SA TITRATION WITH VARIOUS GaX..B



METHOD: 5/4 MEMBRANES

1st LAYERS: 10mM GMPE

1 mM DLP

10 uM MSLXXB

0.8 mM MAAD

0.1 uM GaYYSS

2nd LAYERS: 28 mM GMPE

0.28 uM GaX..B CHOSEN FROM THE FOLLOWING:

GaXB

GaXXB

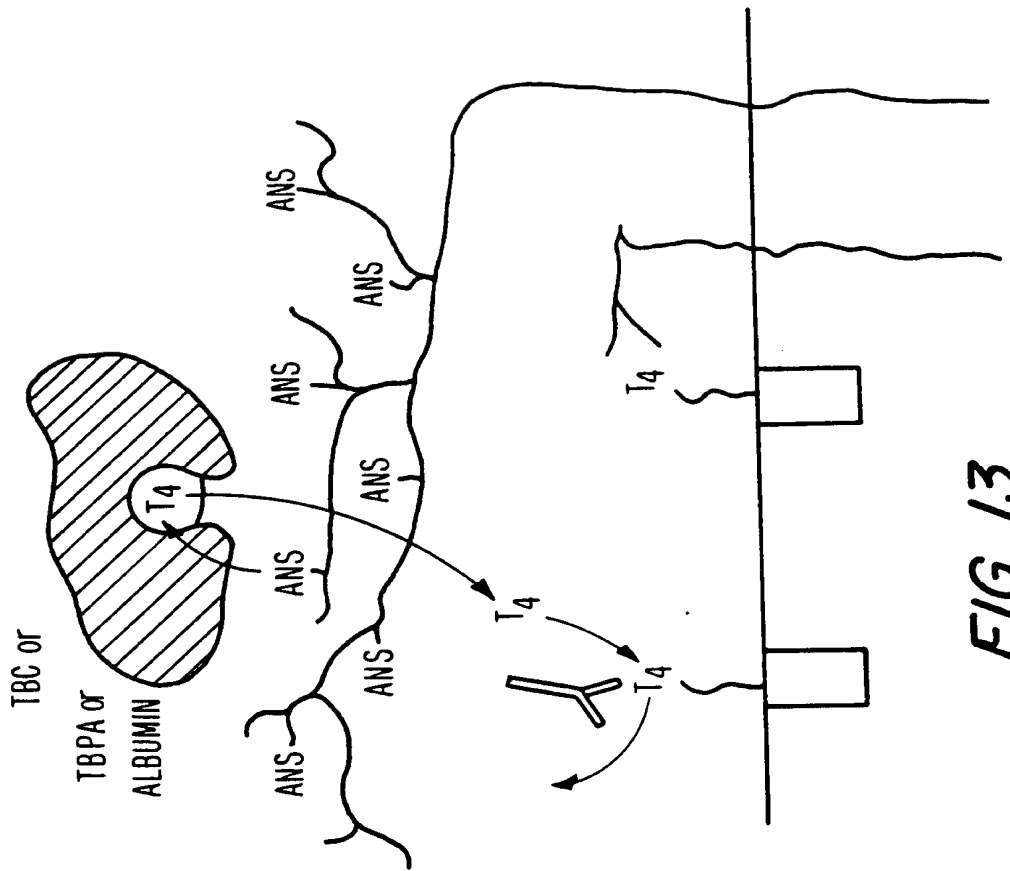
GaXXXB

Ga(XXXB)2

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

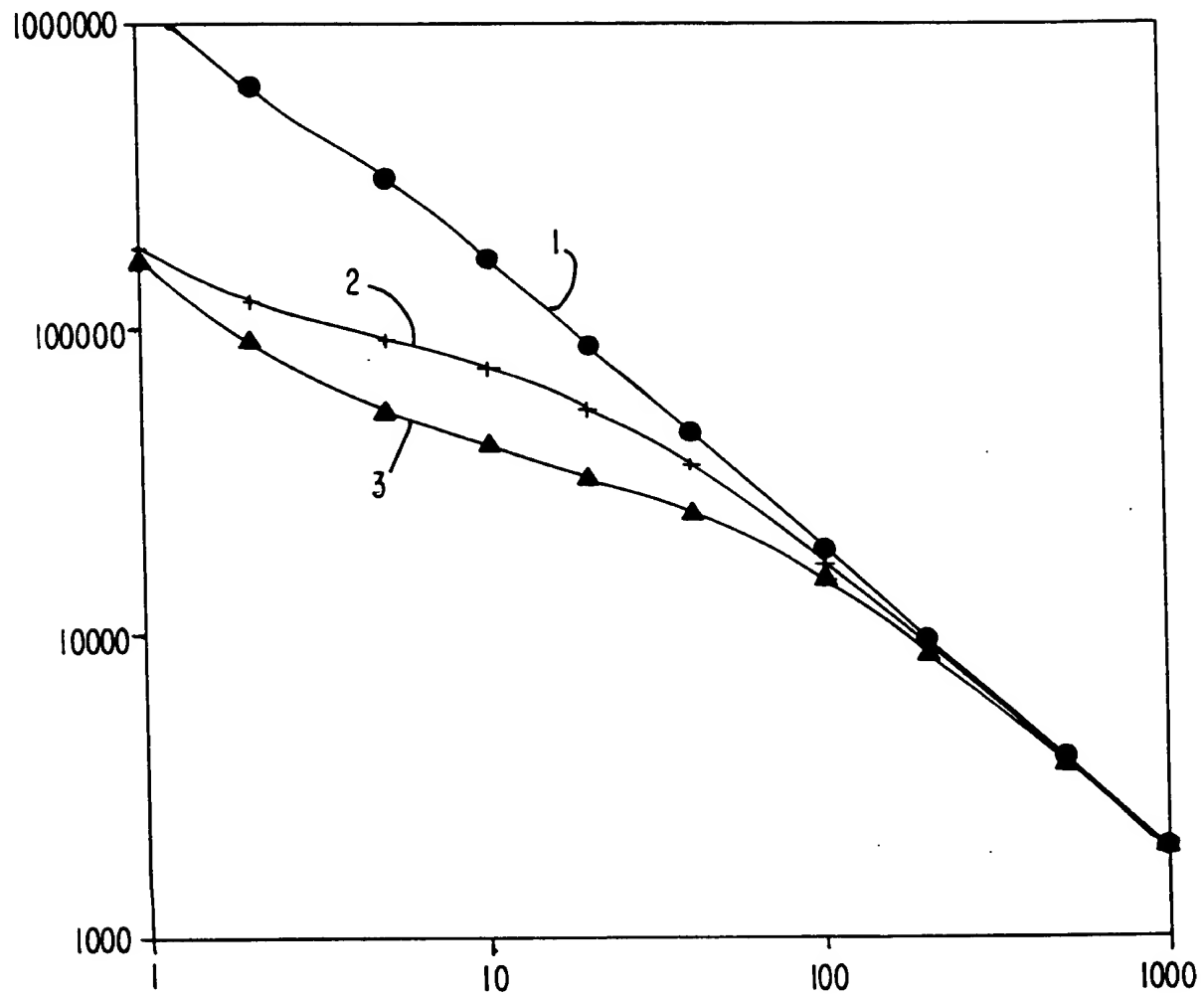
13/15

EXAMPLE OF T₄ ASSAY WITH AMBRIBIOSENSOR



14/15

FIG. 14

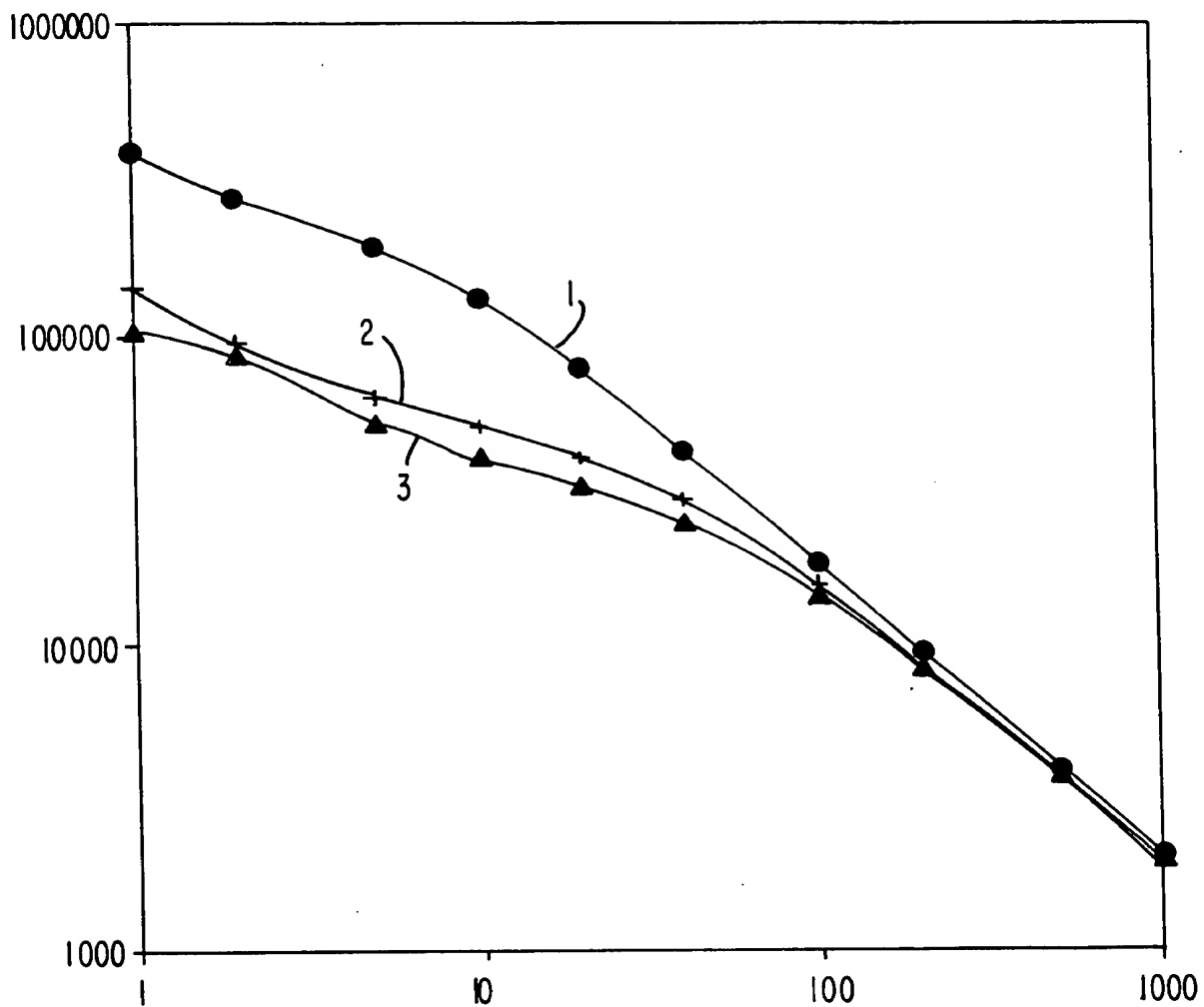


- (1) BEFORE THE ADDITION OF GRAMICIDIN/SDS
- (2) AFTER THE ADDITION OF GRAMICIDIN/SDS; STREPTAVIDIN AND BIOTINYLATED FAB'
- (3) AFTER THE ADDITION OF FERRITIN

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

15/ 15

FIG. 15



- (1) BEFORE ADDITION OF GRAMICIDIN /STREPTAVIDIN
 (2) AFTER ADDITION OF GRAMICIDIN/STREPTAVIDIN AND BIOTINYLATED FAB'S
 (3) AFTER ADDITION OF TSH